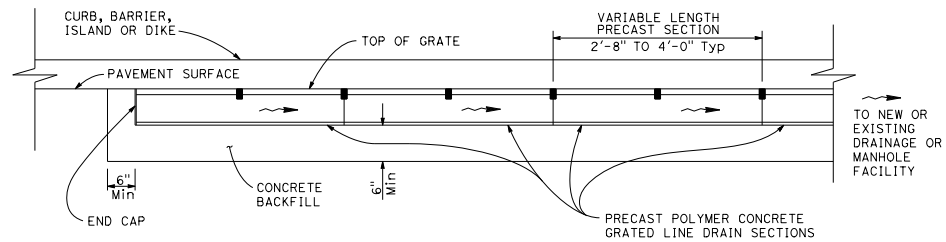
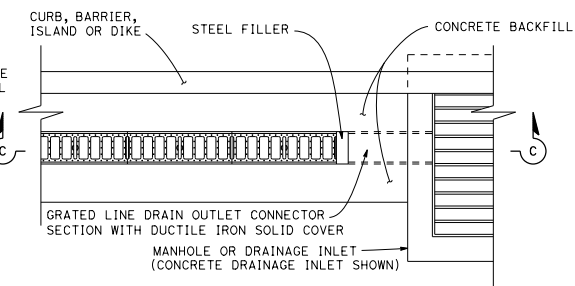


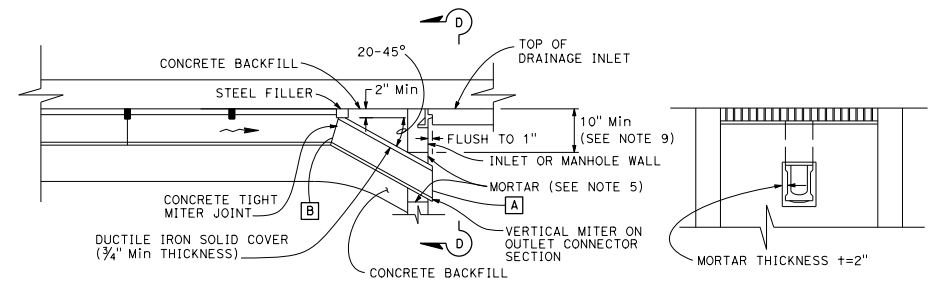
PLAN



SECTION A-A



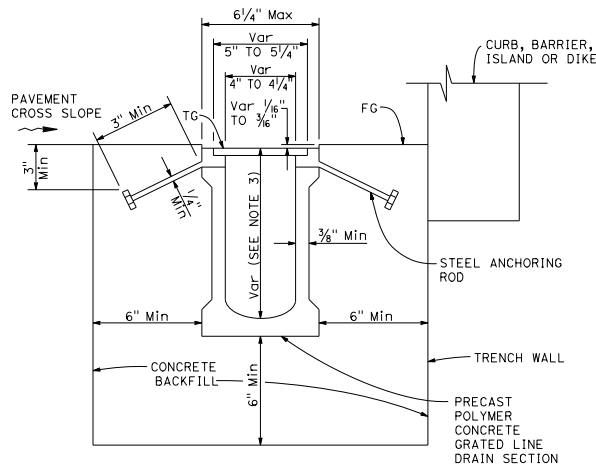
SECTION C-C



SECTION D-D

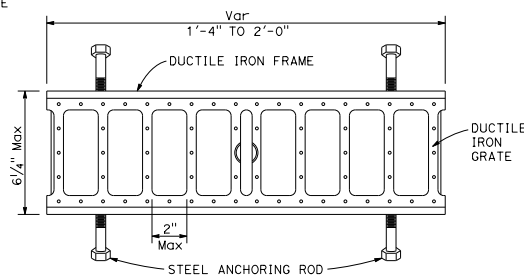
NOTES:

1. See Quantity Sheets for discharge capacity requirements.
2. Discharge capacity (cfs) at point A must be equivalent to maximum channel discharge capacity of grated line drain at point B.
3. Precast polymer concrete drain sections are available in non-sloped uniform depth sections 4 1/8" to 12" or in 0.6 percent pre-sloped sections with graduated depths from 4 1/8" to 12". See Project Plans for trench sections to be installed.
4. Nominal dimensions shown. Allowable tolerance $\pm 2\%$.
5. For GMP inlet connection, seal field joint with a pliable mixture of sand, portland cement and emulsified asphalt (mixture of 1 part portland cement, 3-5 parts sand and 1 1/2 part SSI emulsified asphalt).
6. Within designated pedestrian paths of travel, the maximum grate opening in the direction of pedestrian traffic must not exceed 1/2".
7. Grate patterns may vary from detail shown. See Special Provisions.
8. 3/8" maximum gap between adjacent gratings.
9. Contractor to field verify minimum depth to avoid conflict with inlet top.



SECTION B-B

(Precast grated line drain with non-integral frame)



FRAME AND GRATE DETAIL

See Notes 6, 7 and 8

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

**GRATED LINE DRAIN
DETAILS No. 1 - POLYMER
CONCRETE, 4" NOMINAL WIDTH**

NO SCALE

D98G